

Converting Colors

YUV(176.2910, -31.2025,
68.1508)

Have a look what the booklet for
YUV(176.2910, -31.2025, 68.1508)
contains.

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Color

**YUV(176.2910, -31.2025,
68.1508)**

Conversions

Conversions Part 1

Format	Color
Hex	FE9571
RGB	254, 149, 113
RGB Percent	100%, 58%, 44%
CMY	0.0039, 0.4157, 0.5569
CMYK	0.00, 0.41, 0.56, 0.00
HSL	15°, 99%, 72%
HSV	15°, 56%, 100%
XYZ	54.6011, 43.7580, 21.1911
YIQ	176.2910, 74.1360, 11.0640

Conversions

Conversions Part 2

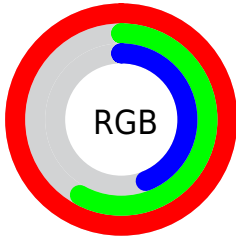
Format	Color
RYB	254, 161, 113
Decimal	16684401
CIELab	72.07, 36.05, 35.94
CIELCh	72, 50.902, 44.909
Yxy	43.7580, 0.4567, 0.3660
Android (android.graphics.Color)	4294874481 (0xFFFE9571)
YUV	176.2910, -31.2025, 68.1508
Hunter-Lab	66.1498, 31.5746, 27.3113

Details

The YUV color **176.2910, -31.2025, 68.1508** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **190.7090, 31.2025, -68.1508**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8030, -24.5529, 35.2528**, and **121.9420, -28.5654, 62.3179** is the 20% darker color. If you saturate the color by 10%, you get **162.2880, -36.6240, 80.4314**, and if you desaturate by 10%, it is **190.2940, -25.7809, 55.8702**.

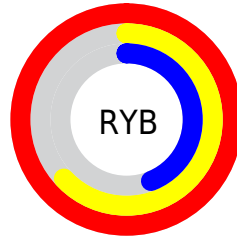
Distribution



Red (100%)

Green (58%)

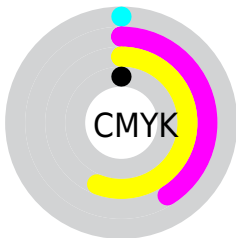
Blue (44%)



Red (100%)

Yellow (63%)

Blue (44%)

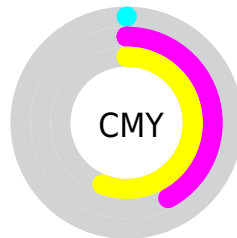


Cyan (0%)

Magenta (41%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.2910, -31.2025, 68.1508 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 176.2910, -31.2025, 68.1508 by changing the saturation by 10% instead.

176.2910,
-31.2025, 68.1508

176.2910,
-31.2025, 68.1508

255.0000, 0.0000,
0.0000

148.3230,
-29.7392, 65.4917

214.8030,
-24.5529, 35.2528

121.9420,
-28.5654, 62.3179

235.0180,
-20.7149, 17.5242

95.0880, -26.6654,
59.5588

251.1240,
-14.8511, 3.3993

69.8210, -25.0548,
56.2850

254.3160, -2.6208,
0.5999

43.7220, -21.5549,
53.7408

23.0230, -11.3503,
47.3378

15.3630, -7.0810,

31.2536

■ 1.4950, -0.7370,
3.0739

■ 0.0000, 0.0000,
0.0000

■ 176.2910,
-31.2025, 68.1508

■ 176.2910,
-31.2025, 68.1508

■ 162.2880,
-36.6240, 80.4314

■ 190.2940,
-25.7809, 55.8702

■ 148.1710,
-42.4823, 92.8120

■ 204.4110,
-19.9226, 43.4896

■ 134.1680,
-47.9038, 105.0927

■ 218.4140,
-14.5011, 31.2089

■ 120.0510,
-53.7621, 117.4733

■ 232.5310, -8.6428,
18.8283

■ 114.1010,
-56.2518, 122.6914

■ 246.5340, -3.2213,
6.5477

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.9210, -9.8211, 70.2293



176.2910, -31.2025, 68.1508



174.2220, -43.4934, 43.6553

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



176.2910, -31.2025, 68.1508



149.8740, 0.5551, -84.9585



172.7800, 40.5345, -27.8711

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



176.2910, -31.2025, 68.1508



190.7090, 31.2025, -68.1508

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



139.4260, 56.9780, -122.2766



176.2910, -31.2025, 68.1508



140.0860, 29.0446, -122.8554

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



176.2910, -31.2025, 68.1508



164.4730, -27.8412, -30.2328



143.1130, 48.2583, -125.5101



181.4770, 30.3308, 25.0147

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



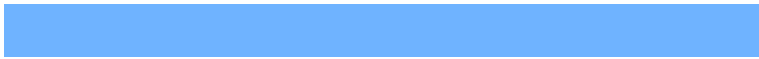
176.2910, -31.2025, 68.1508



172.0360, -44.8807, 21.8934



143.1130, 48.2583, -125.5101



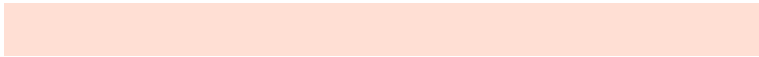
167.3320, 43.2203, -49.4032

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



176.2910, -31.2025, 68.1508



231.3140, -9.5218, 20.7726



167.2430, 25.5162, 76.0859



113.8830, -5.8583, 12.3806



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



176.2910, -31.2025, 68.1508



160.9570, -37.9398, 82.4757



217.3810, -51.4598, 32.1149



120.6480, -2.7845, 6.4477



85.8720, -42.3349, 92.1973



28.5280, -14.0643, 31.1089

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



190.7090, 31.2025, -68.1508



178.0430, 37.9398, -82.4757



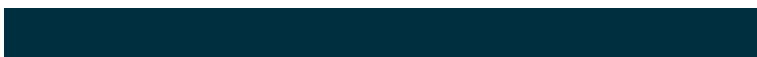
149.6190, 51.4598, -32.1149



121.7650, 3.0739, -5.9329



105.1280, 42.3349, -92.1973



34.8850, 14.3537, -30.5941

Previews

White Background



This preview shows how the YUV color 176.2910, -31.2025, 68.1508 looks on a white background.

Color Contrast Check

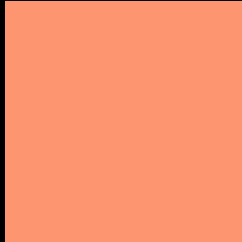
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 176.2910, -31.2025, 68.1508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.2910, -31.2025, 68.1508

Background



This preview shows how black text looks on a background with the YUV color 176.2910, -31.2025, 68.1508.



This preview shows how white text looks on a background with the YUV color 176.2910, -31.2025,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

176.2910, -31.2025, 68.1508

Protanopia

175.1440, -25.2140, 13.9057

Deuteranopia

175.6150, -32.8412, 33.6636



Tritanopia

179.0300, -11.8468, 66.6257

Trichromacy



Original Color

176.2910, -31.2025, 68.1508

Protanomaly

175.6950, -27.4576, 33.5935

Deuteranomaly

176.1050, -32.5898, 46.3889

Tritanomaly

177.9070, -18.6882, 67.6106

Monochromacy



Original Color

176.2910, -31.2025, 68.1508

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.8800, -11.2798, 24.6612

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.2910, -31.2025, 68.1508 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 149, 113)` looks like.

```
.text, #text, p{  
    color:rgb(254, 149, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 149, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 149, 113) }
```

Border

The CSS property to change the border of an element to YUV 176.2910, -31.2025, 68.1508 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 149, 113) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 149, 113) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 149, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 149, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 149, 113);  
box-shadow:4px 4px 4px 4px rgb(254, 149,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 176.2910, -31.2025, 68.1508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 149, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
149, 113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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